

**GAS6 (PTR1202) mouse mAb**

<b>Catalog No :</b>	YM4745
<b>Reactivity :</b>	Human;
<b>Applications :</b>	WB;IF;ELISA
<b>Target :</b>	Gas6
<b>Fields :</b>	>>EGFR tyrosine kinase inhibitor resistance
<b>Gene Name :</b>	GAS6
<b>Protein Name :</b>	Growth arrest-specific protein 6
<b>Human Gene Id :</b>	2621
<b>Human Swiss Prot No :</b>	Q14393
<b>Immunogen :</b>	Synthesized peptide derived from human GAS6. AA range:600-700
<b>Specificity :</b>	This antibody detects endogenous levels of GAS6.
<b>Formulation :</b>	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
<b>Source :</b>	Mouse, Monoclonal/IgG1, kappa
<b>Dilution :</b>	WB 1:500-2000. IF 1:100-500. ELISA 1:1000-5000
<b>Purification :</b>	Protein G
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Molecularweight :</b>	79kD
<b>Observed Band :</b>	75kD
<b>Background :</b>	This gene encodes a gamma-carboxyglutamic acid (Gla)-containing protein

thought to be involved in the stimulation of cell proliferation. This gene is frequently overexpressed in many cancers and has been implicated as an adverse prognostic marker. Elevated protein levels are additionally associated with a variety of disease states, including venous thromboembolic disease, systemic lupus erythematosus, chronic renal failure, and preeclampsia. [provided by RefSeq, Aug 2014],

### Function :

function:Ligand for tyrosine-protein kinase receptors AXL, TYRO3 and MER whose signaling is implicated in cell growth and survival, cell adhesion and cell migration. Plays a role in thrombosis by amplifying platelet aggregation and secretion in response to known agonists.,PTM:Gamma-carboxyglutamate residues are formed by vitamin K dependent carboxylation. These residues are essential for the binding of calcium.,PTM:Isoform 1 is proteolytically processed after secretion to yield a N-terminal 36 kDa protein and a C-terminal 50 kDa protein including the laminin G-like domains which activates AXL.,similarity:Contains 1 Gla (gamma-carboxy-glutamate) domain.,similarity:Contains 2 laminin G-like domains.,similarity:Contains 4 EGF-like domains.,subunit:Heterodimer and heterotetramer with AXL.,tissue specificity:Plasma. Isoform 1 and isoform 2 are widely expressed. Isoform 1 is the predominant fo

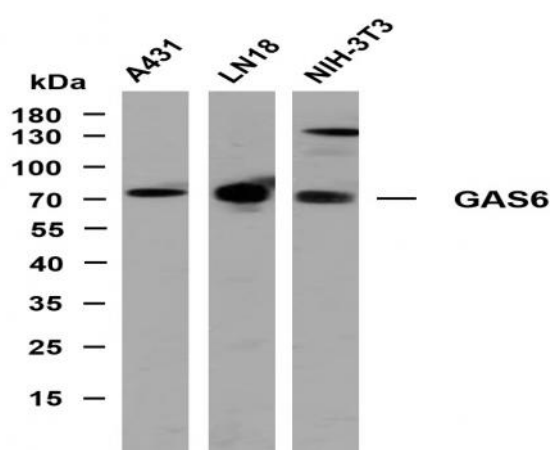
### Subcellular Location :

Cytoplasmic

### Expression :

Plasma. Isoform 1 and isoform 2 are widely expressed, isoform 1 being expressed at higher levels than isoform 2 in most tissues. Isoform 2 is the predominant form in spleen.

## Products Images



Various whole cell lysates were separated by 10% SDS-PAGE, and the membrane was blotted with anti-GAS6 (PTR1202) antibody. The HRP-conjugated Goat anti-Mouse IgG(H + L) antibody was used to detect the antibody. Lane 1: A431 Lane 2: MCF7 Lane 3: HepG2